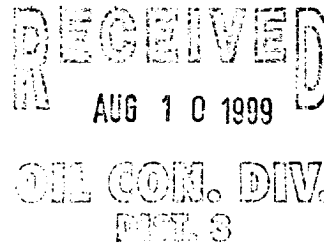


dugan production corp.

August 9, 1999

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410



Re: Dugan Production Corp.
El Nino #6E
API #30 045 29639
Unit J, Sec. 11, T26N, R9W
San Juan County, NM

Gentlemen:

Below are the deviations reported by the drilling contractor for the subject well:

1/2° @ 96'	3/4° @ 2099'	3/4° @ 4788'
3/4° @ 185'	1/2° @ 2551'	3/4° @ 5252'
1/4° @ 335'	1/4° @ 2995'	3/4° @ 5447'
3/4° @ 785'	3/4° @ 3451'	3/4° @ 6185'
1 1/2° @ 1235'	1/2° @ 3897'	3/4° @ 6309'
1 1/4° @ 1685'	3/4° @ 4350'	

Sincerely,

John Alexander
Vice-President

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 9th day of August, 1999.

Notary Public

My Commission Expires: Aug 11 2000